

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently Amended) A method for performing channel detection, comprising:
tuning a first frequency channel;
determining whether a signal parameter associated with said first frequency channel exceeds a predetermined threshold; and
enabling a first channel acquisition operation responsive to determining that said signal parameter exceeds said predetermined threshold;
wherein said predetermined threshold varies based on at least one of signal source or signal modulation.
2. (Previously Presented) The method of claim 1, further comprised of enabling a second channel acquisition operation after enabling said first channel acquisition operation.
3. (Previously Presented) The method of claim 2, wherein:
said first channel acquisition operation includes acquisition of a digital broadcast channel; and
said second channel acquisition operation includes acquisition of an analog broadcast channel.
4. (Previously Presented) The method of claim 3, wherein:
said digital broadcast channel is an ATSC channel; and
said analog broadcast channel is an NTSC channel.
5. (Previously Presented) The method of claim 2, wherein:
said first channel acquisition operation includes acquisition of an analog broadcast channel; and
said second channel acquisition operation includes acquisition of a digital broadcast channel.

6. (Previously Presented) The method of claim 5, wherein:
said analog broadcast channel is an NTSC channel; and
said digital broadcast channel is an ATSC channel.
7. (Previously Presented) The method of claim 1, further comprised of tuning a second frequency channel responsive to determining that said signal parameter does not exceed said predetermined threshold.
8. (Previously Presented) The method of claim 1, wherein said signal parameter includes amplitude.
9. (Canceled)
10. (Canceled)
11. (Currently Amended) An apparatus for performing channel detection, comprising:
tuning means for tuning a first frequency channel; and
processing means for determining whether a signal parameter associated with said first frequency channel exceeds a predetermined threshold, and for enabling a first channel acquisition operation responsive to determining that said signal parameter exceeds said predetermined threshold;
wherein said predetermined threshold varies based on at least one of signal source or signal modulation.
12. (Previously Presented) The apparatus of claim 11, wherein said processing means further enables a second channel acquisition operation after enabling said first channel acquisition operation.
13. (Previously Presented) The apparatus of claim 12, wherein:
said first channel acquisition operation includes acquisition of a digital broadcast channel; and

said second channel acquisition operation includes acquisition of an analog broadcast channel.

14. (Previously Presented) The apparatus of claim 13, wherein:

said digital broadcast channel is an ATSC channel; and

said analog broadcast channel is an NTSC channel.

15. (Previously Presented) The apparatus of claim 12, wherein:

said first channel acquisition operation includes acquisition of an analog broadcast channel; and

said second channel acquisition operation includes acquisition of a digital broadcast channel.

16. (Previously Presented) The apparatus of claim 15, wherein:

said analog broadcast channel is an NTSC channel; and

said digital broadcast channel is an ATSC channel.

17. (Previously Presented) The apparatus of claim 11, wherein said tuning means tunes a second frequency channel responsive to said processing means determining that said signal parameter does not exceed said predetermined threshold.

18. (Previously Presented) The apparatus of claim 11, wherein said signal parameter includes amplitude.

19. (Canceled)

20. (Canceled)

21. (Currently Amended) A television signal receiver, comprising:
a tuner operative to tune a first frequency channel;
a processor operative to determine whether a signal parameter associated with said first frequency channel exceeds a predetermined threshold; and
a first demodulator operative to perform a first channel acquisition operation responsive to said processor determining that said signal parameter exceeds said predetermined threshold;
wherein said predetermined threshold varies based on at least one of signal source or signal modulation.
22. (Previously Presented) The television signal receiver of claim 21, further comprising a second demodulator operative to perform a second channel acquisition operation after said first demodulator performs said first channel acquisition operation.
23. (Previously Presented) The television signal receiver of claim 22, wherein:
said first channel acquisition operation includes acquisition of a digital broadcast channel; and
said second channel acquisition operation includes acquisition of an analog broadcast channel.
24. (Previously Presented) The television signal receiver of claim 23, wherein:
said digital broadcast channel is an ATSC channel; and
said analog broadcast channel is an NTSC channel.
25. (Previously Presented) The television signal receiver of claim 22, wherein:
said first channel acquisition operation includes acquisition of an analog broadcast channel; and
said second channel acquisition operation includes acquisition of a digital broadcast channel.

26. (Previously Presented) The television signal receiver of claim 25, wherein:
said analog broadcast channel is an NTSC channel; and
said digital broadcast channel is an ATSC channel.
27. (Previously Presented) The television signal receiver of claim 21, wherein said tuner is further operative to tune a second frequency channel responsive to said processor determining that said signal parameter does not exceed said predetermined threshold.
28. (Previously Presented) The television signal receiver of claim 21, wherein said signal parameter includes amplitude.
29. (Canceled)
30. (Canceled)